

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 22 Jan 2023 until 23:59 on Monday 23 Jan 2023

Forecast Issued on Sunday 22 Jan 2023 at 00:44

Confidence: High for the milder trend through the coming days then turning a little colder again later in the week, but lower for cloud details.

Headline for Sunday 22 Jan 2023: Becoming mostly cloudy. Cold start, but becoming milder.

Mountain weather hazards on Sunday 22 Jan 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
10%	10%	20%	20%	20%	20%

Forecast for Sunday 22 Jan 2023

Weather: Any early freezing fog patches, mostly in eastern valleys, will slowly lift through the morning. Otherwise cloud thickening from the northwest, with the best chance of brighter spells across southeastern hills. Outbreaks of light rain or drizzle are possible in northwestern areas, likely falling as sleet and snow or freezing rain during the morning before warming up.

Chance of cloud-free hill tops above 600m: 80% at first, but deteriorating to 30% in the northwest through the morning and remaining near 70% in the southeast.

Low Cloud and visibility: Periods of cloud above 450-600m in the northwest, but cloud occasional or patchy above 600-750m in the southeast. Visibility good, becoming poor in rain, sleet and snow, and very poor in cloud or freezing fog patches.

Forecast for Sunday 22 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/22 S	13/21 S	13/19 S	11/17 S	10/16 S	9/16 S	9/15 S
300	5/14 S	6/13 S	5/11 S	5/10 S	4/12 S	4/11 SE	4/10 SE
Valley	1/9 NW	3/11 S	4/12 SW	3/10 SW	3/7 W	3/7 SW	3/6 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-0/-6	0/-5	1/-4	1/-3	2/-2	2/-2
300	-0/-3	0/-3	1/-1	2/-0	2/-0	2/0	2/0
Valley	1/-0	2/-0	3/1	3/1	3/1	3/1	3/2
Freezing Level*	200m	200m	500m	1200m	1600m	1700m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A sharp frost at first with ice a hazard at most levels. Turning milder through the day with a thaw setting in.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 22 Jan 2023	0.2mm	0.4mm	0.6mm

Forecast for Monday 23 Jan 2023

Weather: Rather cloudy overnight but some clear spells developing, especially in the east where patchy low level freezing fog may develop. Any freezing fog slowly clearing to leave a dry day with some brighter spells at times, perhaps with the odd spot of drizzle in the northwest. Milder than recently.

Maximum wind: Southerly around 10-15 mph

Chance of cloud-free hill tops above 600m: 30% in the northwest, 60% in the southeast

Low Cloud and visibility: Periods of cloud above 400-500m in the northwest but cloud more occasional above 600-750m in the southeast. Away from cloud visibility good, falling to poor in rain and drizzle, and very poor in any low level freezing fog patches.

Temperature: **Valleys:** Around zero Celsius in east at first, but plus 2 or 3 in west, rising to plus 5 Celsius by day
At 600m: Around 3 Celsius
Freezing level: Mostly above the summits, but perhaps near summits in the southeast